

CLAIMS

1. A retinoid-comprising composition for activating infiltration activity of dendritic cells.
2. The composition for activating infiltration activity of dendritic cells according to claim 1,
5 wherein the retinoid is selected from the group consisting of all-trans retinol, 13-*cis*-retinol, all-trans retinoic acid, and 13-*cis*-retinoic acid.
3. A method for activating infiltration activity of dendritic cells, which comprises administering retinoid to a mammal.
4. The method for activating infiltration activity of dendritic cells according to claim 3, wherein
10 the retinoid is selected from the group consisting of all-trans retinol, 13-*cis*-retinol, all-trans retinoic acid, and 13-*cis*-retinoic acid.
5. A method for activating infiltration activity of dendritic cells, which comprises administering to a mammal the composition for activating the infiltration activity of dendritic cells according to claim 1 or 2.
- 15 6. An immunopotentiating agent comprising retinoid.
7. An immunopotentiating agent comprising retinoid and a dendritic cell.
8. The immunopotentiating agent according to claim 6 or 7, wherein the retinoid is selected from the group consisting of all-trans retinol, 13-*cis*-retinol, all-trans retinoic acid, and 13-*cis*-retinoic acid.
- 20 9. A method for potentiating immunity in a mammal, which comprises introducing retinoid to a mammalian cell.
10. A method for potentiating immunity in a mammal, which comprises administering to the mammal the immunopotentiating agent according to any one of claims 6 to 8.
11. The method for potentiating immunity in a mammal according to claim 10, wherein the
25 retinoid is selected from the group consisting of all-trans retinol, 13-*cis*-retinol, all-trans retinoic acid, and 13-*cis*-retinoic acid.
12. A method for preventing or treating infectious disease or cancer in an animal, which comprises administering or using the composition for activating infiltration activity of dendritic cells according to claim 1 or 2, or the immunopotentiating agent according to any one of claims
30 6 to 8.